


Please type a plus sign (+) inside this box ☐

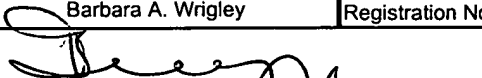
Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))		Attorney Docket No. 22163-3003	
		First Inventor Mark G. Torchia	
		Title HYPERTHERMIA TREATMENT AND PROBE THEREFOR	
		Express Mail Label No. EL 850586660 US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Applicant claims small entity status. (See 37 CRF 1.27) 3. <input checked="" type="checkbox"/> Specification Total Pages (50) (preferred arrangement set forth below) - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Informal Drawing(s) (35 U.S.C. 113) Total Sheets (10) 5. <input type="checkbox"/> Oath or Declaration a. <input type="checkbox"/> Unexecuted (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies	
		ACCOMPANYING APPLICATION PARTS	
		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Other: _____	
17. If a CONTINUING APPLICATION , check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheets under 37 CFR 1.76: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) </div> <div>of prior application no.: 10/014,846</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Prior application information: Examiner: QADERI, RUNA S</div> <div>Group / Art Unit: 3737</div> </div> For CONTINUATION or DIVISIONAL only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
18. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer No. or Bar Code Label 34,205 (insert Customer No. or Attach bar code label here)		or <input type="checkbox"/> Correspondence address below	
Address _____			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type) Barbara A. Wrigley		Registration No. (Attorney/Agent) 34,950	
Signature 		Date November 5, 2003	

ORIGINAL

FEE TRANSMITTAL for FY 2003 <i>Patent fees are subject to annual revision.</i>		<i>Complete if Known</i>	
		Application Number	
		Filing Date	November 5, 2003
		First Named Inventor	Mark G. Torchia
		Examiner Name	
		Group Art Unit	
TOTAL AMOUNT OF PAYMENT	\$1,063.00	Attorney Docket No.:	22163-3003

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																																																																																																
1. <input checked="" type="checkbox"/> Authorized to charge indicated fees or credit Deposit Acct No. 50-1901 Name: Oppenheimer Wolff & Donnelly LLP <input checked="" type="checkbox"/> Charge Any Add'l Fee Required Under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant Claims Small Entity 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>Filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>130</td><td>1807</td><td>130</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="2"> 1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Fee</th> <th>Small Fee</th> <th>Fee description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>770</td><td>385</td><td>Utility filing fee</td><td>\$385.00</td></tr> <tr><td>340</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>530</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>770</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>160</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="3">SUBTOTAL (1)</td><td>\$385.00</td></tr> </tbody> </table> </td> <td colspan="2"> 2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Claims</th> <th>Extra Claims</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>81 - 20</td><td>61</td><td>18/9</td><td>\$549.00</td></tr> <tr><td>Ind. 6 - 3 =</td><td>3</td><td>86/43</td><td>\$129.00</td></tr> <tr><td>Multiple Dependent</td><td></td><td>290/145</td><td></td></tr> </tbody> </table> </td> </tr> <tr> <td colspan="2"> <table border="1"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>18</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>86</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>290</td><td>145</td><td>Multiple dependent claim</td></tr> <tr><td>86</td><td>43</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>18</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="3">SUBTOTAL (2) \$ 678.00</td></tr> </tbody> </table> </td> <td colspan="2"> SUBTOTAL (3) \$0.00 </td> </tr> </tbody></table>				Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	Filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	130	1807	130	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Fee</th> <th>Small Fee</th> <th>Fee description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>770</td><td>385</td><td>Utility filing fee</td><td>\$385.00</td></tr> <tr><td>340</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>530</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>770</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>160</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="3">SUBTOTAL (1)</td><td>\$385.00</td></tr> </tbody> </table>		Large Fee	Small Fee	Fee description	Fee Paid	770	385	Utility filing fee	\$385.00	340	170	Design filing fee		530	265	Plant filing fee		770	385	Reissue filing fee		160	80	Provisional filing fee		SUBTOTAL (1)			\$385.00	2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Claims</th> <th>Extra Claims</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>81 - 20</td><td>61</td><td>18/9</td><td>\$549.00</td></tr> <tr><td>Ind. 6 - 3 =</td><td>3</td><td>86/43</td><td>\$129.00</td></tr> <tr><td>Multiple Dependent</td><td></td><td>290/145</td><td></td></tr> </tbody> </table>		Claims	Extra Claims	Fee	Fee Paid	81 - 20	61	18/9	\$549.00	Ind. 6 - 3 =	3	86/43	\$129.00	Multiple Dependent		290/145		<table border="1"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>18</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>86</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>290</td><td>145</td><td>Multiple dependent claim</td></tr> <tr><td>86</td><td>43</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>18</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="3">SUBTOTAL (2) \$ 678.00</td></tr> </tbody> </table>		Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	18	9	Claims in excess of 20	86	43	Independent claims in excess of 3	290	145	Multiple dependent claim	86	43	** Reissue independent claims over original patent	18	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) \$ 678.00			SUBTOTAL (3) \$0.00	
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																													
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																														
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																														
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																																														
1812	2,520	1812	2,520	Filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																																																																														
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																														
1805	1,840*	1805	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																														
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																																														
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																																																																														
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																																																																																														
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																																																																														
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																																																																																														
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																																																																														
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																																																																														
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																																																																														
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																														
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																														
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																														
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																														
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																														
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																														
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																														
1807	130	1807	130	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																														
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																														
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																														
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																														
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																														
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																														
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																														
Other fee (specify) _____																																																																																																																																																																																																																																																																		
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Fee</th> <th>Small Fee</th> <th>Fee description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>770</td><td>385</td><td>Utility filing fee</td><td>\$385.00</td></tr> <tr><td>340</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>530</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>770</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>160</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="3">SUBTOTAL (1)</td><td>\$385.00</td></tr> </tbody> </table>		Large Fee	Small Fee	Fee description	Fee Paid	770	385	Utility filing fee	\$385.00	340	170	Design filing fee		530	265	Plant filing fee		770	385	Reissue filing fee		160	80	Provisional filing fee		SUBTOTAL (1)			\$385.00	2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Claims</th> <th>Extra Claims</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>81 - 20</td><td>61</td><td>18/9</td><td>\$549.00</td></tr> <tr><td>Ind. 6 - 3 =</td><td>3</td><td>86/43</td><td>\$129.00</td></tr> <tr><td>Multiple Dependent</td><td></td><td>290/145</td><td></td></tr> </tbody> </table>		Claims	Extra Claims	Fee	Fee Paid	81 - 20	61	18/9	\$549.00	Ind. 6 - 3 =	3	86/43	\$129.00	Multiple Dependent		290/145																																																																																																																																																																																																																				
Large Fee	Small Fee	Fee description	Fee Paid																																																																																																																																																																																																																																																															
770	385	Utility filing fee	\$385.00																																																																																																																																																																																																																																																															
340	170	Design filing fee																																																																																																																																																																																																																																																																
530	265	Plant filing fee																																																																																																																																																																																																																																																																
770	385	Reissue filing fee																																																																																																																																																																																																																																																																
160	80	Provisional filing fee																																																																																																																																																																																																																																																																
SUBTOTAL (1)			\$385.00																																																																																																																																																																																																																																																															
Claims	Extra Claims	Fee	Fee Paid																																																																																																																																																																																																																																																															
81 - 20	61	18/9	\$549.00																																																																																																																																																																																																																																																															
Ind. 6 - 3 =	3	86/43	\$129.00																																																																																																																																																																																																																																																															
Multiple Dependent		290/145																																																																																																																																																																																																																																																																
<table border="1"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>18</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>86</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>290</td><td>145</td><td>Multiple dependent claim</td></tr> <tr><td>86</td><td>43</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>18</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="3">SUBTOTAL (2) \$ 678.00</td></tr> </tbody> </table>		Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	18	9	Claims in excess of 20	86	43	Independent claims in excess of 3	290	145	Multiple dependent claim	86	43	** Reissue independent claims over original patent	18	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) \$ 678.00			SUBTOTAL (3) \$0.00																																																																																																																																																																																																																																											
Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description																																																																																																																																																																																																																																																																
18	9	Claims in excess of 20																																																																																																																																																																																																																																																																
86	43	Independent claims in excess of 3																																																																																																																																																																																																																																																																
290	145	Multiple dependent claim																																																																																																																																																																																																																																																																
86	43	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																
18	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																
SUBTOTAL (2) \$ 678.00																																																																																																																																																																																																																																																																		

SUBMITTED BY		<i>Complete (if applicable)</i>	
Name	Barbara A. Wrigley	Registration No.:	34,950
Signature		Telephone:	(612) 607-7595
		Date:	November 5, 2003

UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Torchia, et al.
Filed : Herewith
Title : HYPERTHERMIA TREATMENT AND
PROBE THEREFOR
Docket No : 22163-3003

CERTIFICATE OF EXPRESS MAIL

EXPRESS MAIL Mailing Label Number: EL 850586660 US
Date of Deposit: November 5, 2003

I hereby certify that these papers and fee(s) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Paper(s) Enclosed:

- ☒ Certificate of Express Mail
- ☒ Postcard
- ☒ Application Data Sheet
- ☒ Utility Patent Application Transmittal
- ☒ Fee Transmittal
- ☒ Information Disclosure Statement and Form 1449 (2 pages of English translations and 3 articles)
- ☒ Patent Application including, specification (36 pages), claims (13 pages) and abstract (1 page)
- ☒ Informal Drawings (10 pages)

By: Pamela J. Pederson
Pamela J. Pederson, Secretary to Barbara A. Wrigley
OPPENHEIMER WOLFF & DONNELLY LLP
45 South Seventh Street, Suite 3300
Minneapolis, Minnesota 55402
Telephone: (612) 607-7000